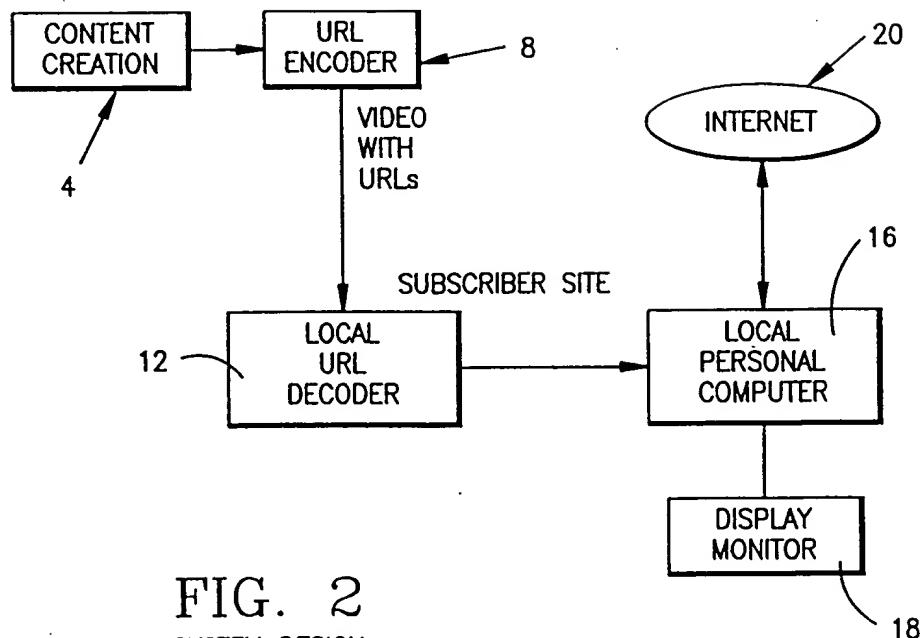
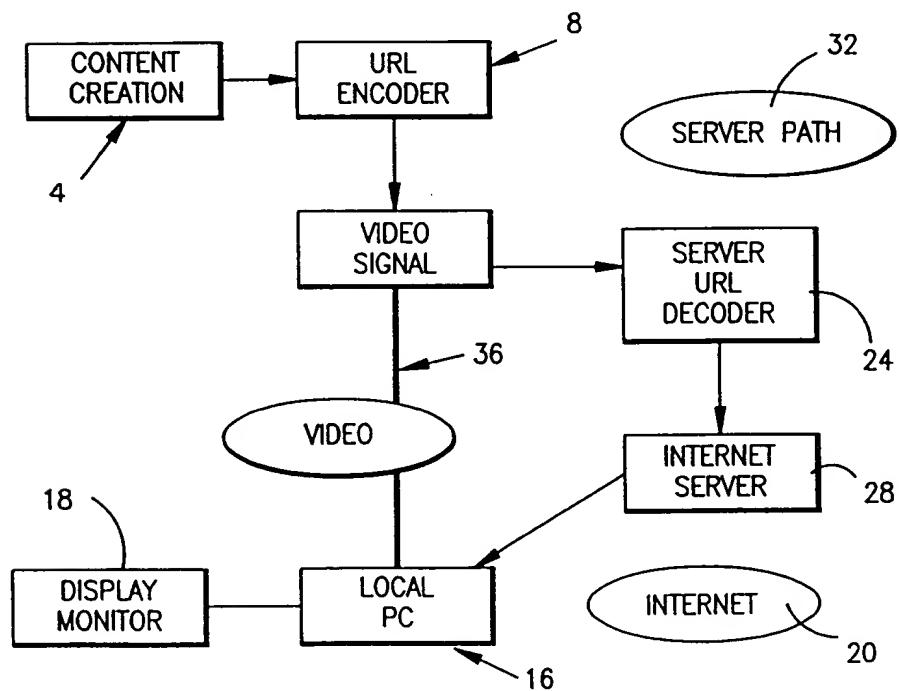
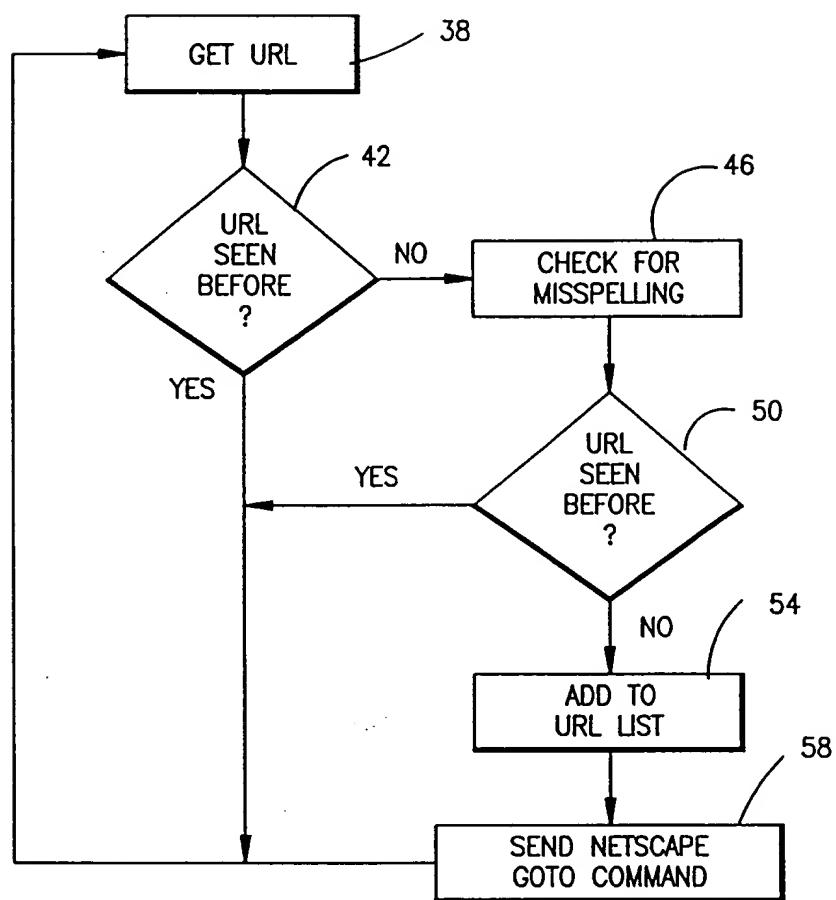


FIG. 1

FIG. 2  
SYSTEM DESIGN

655750 - 86246650



SOFTWARE DESIGN

FIG. 3

FIG. 4

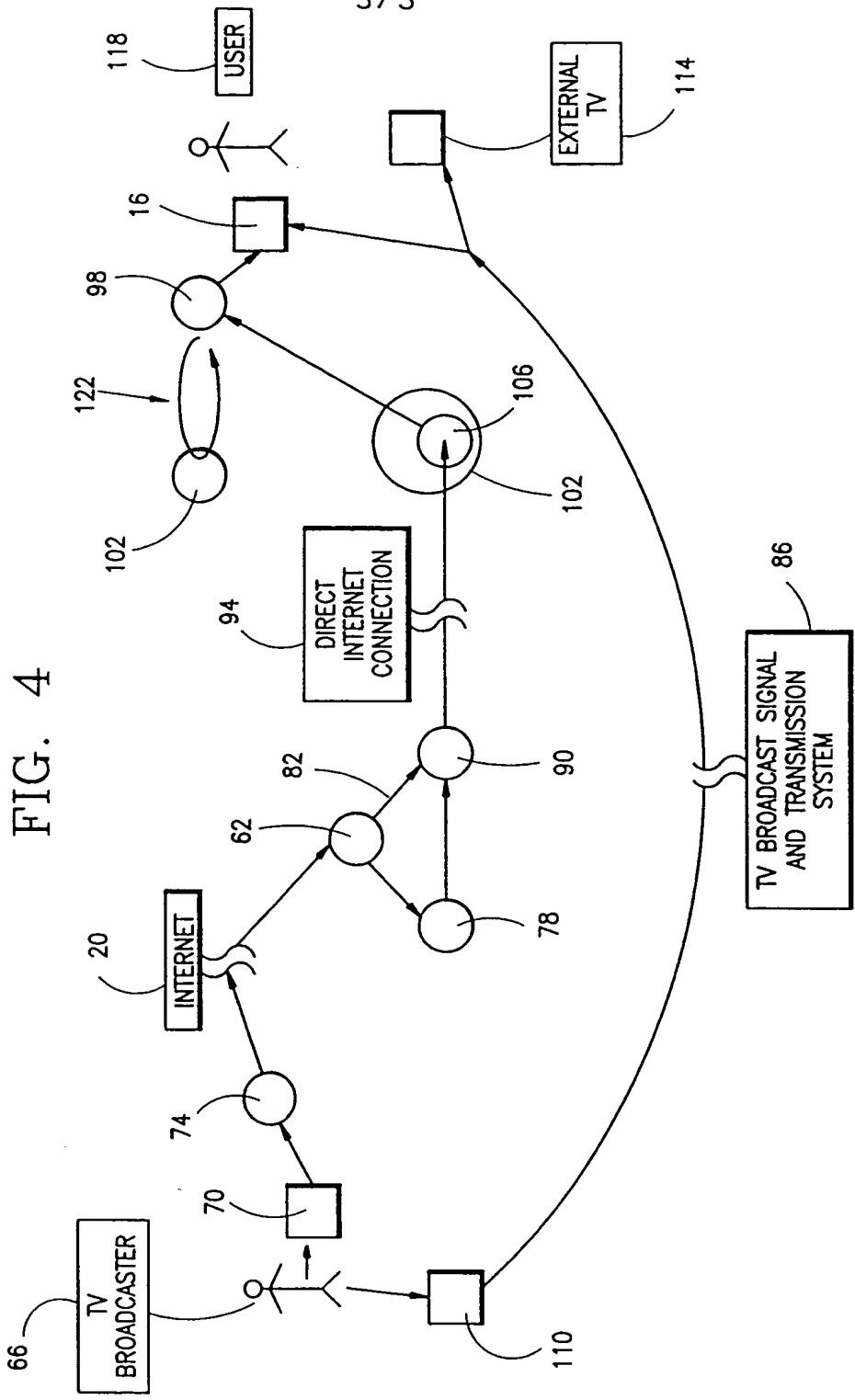


Fig. 5

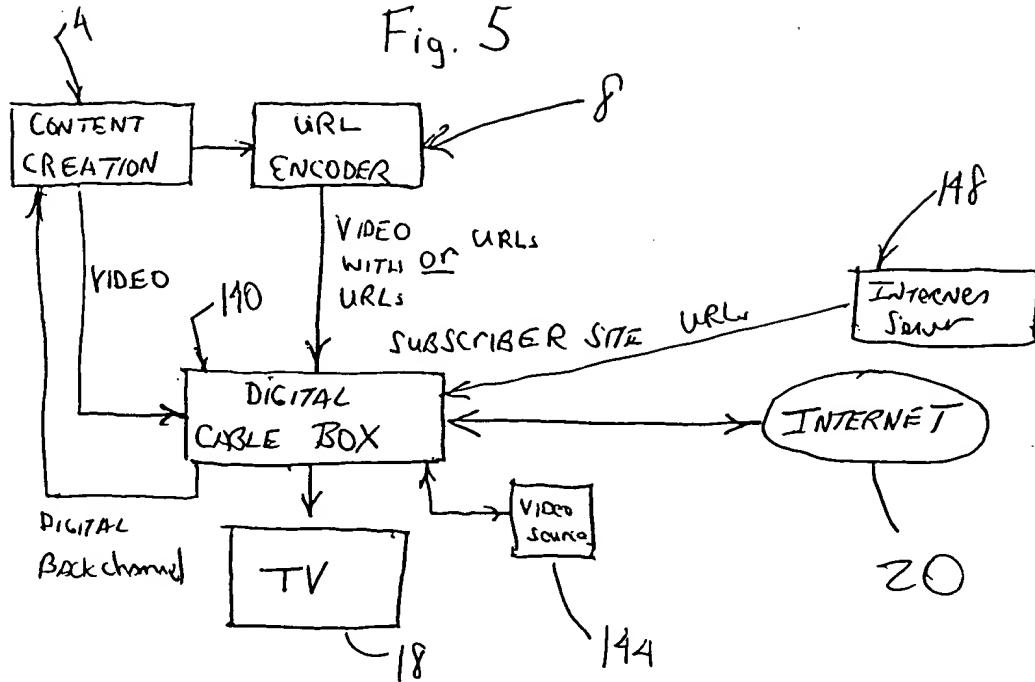
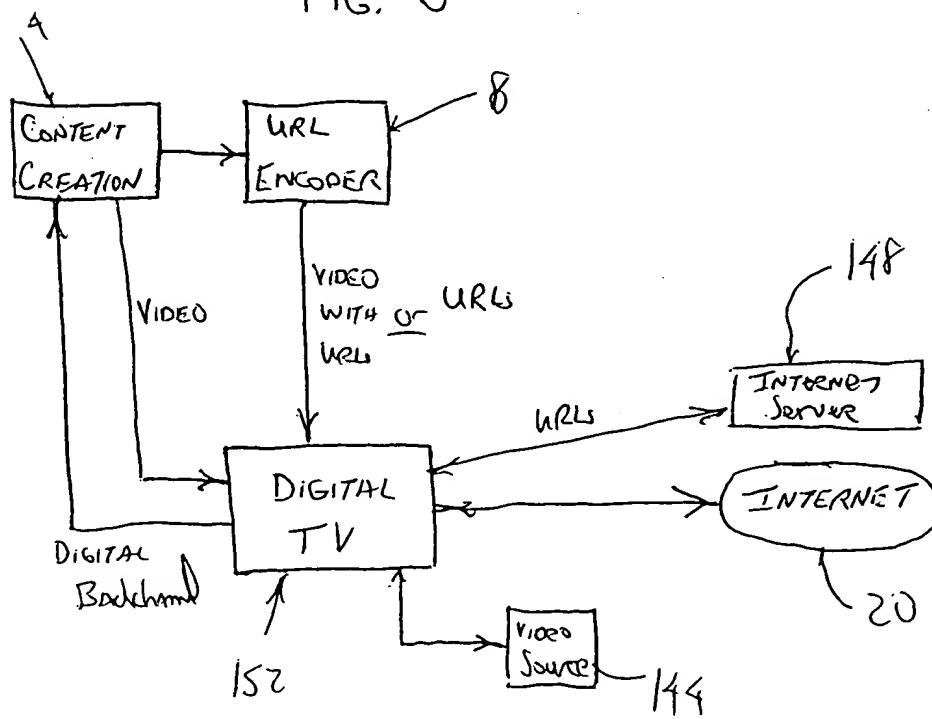


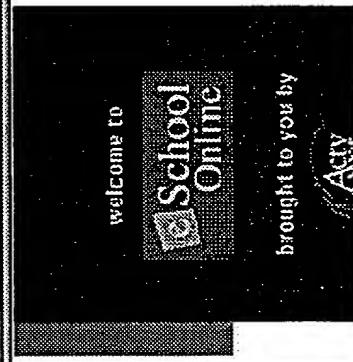
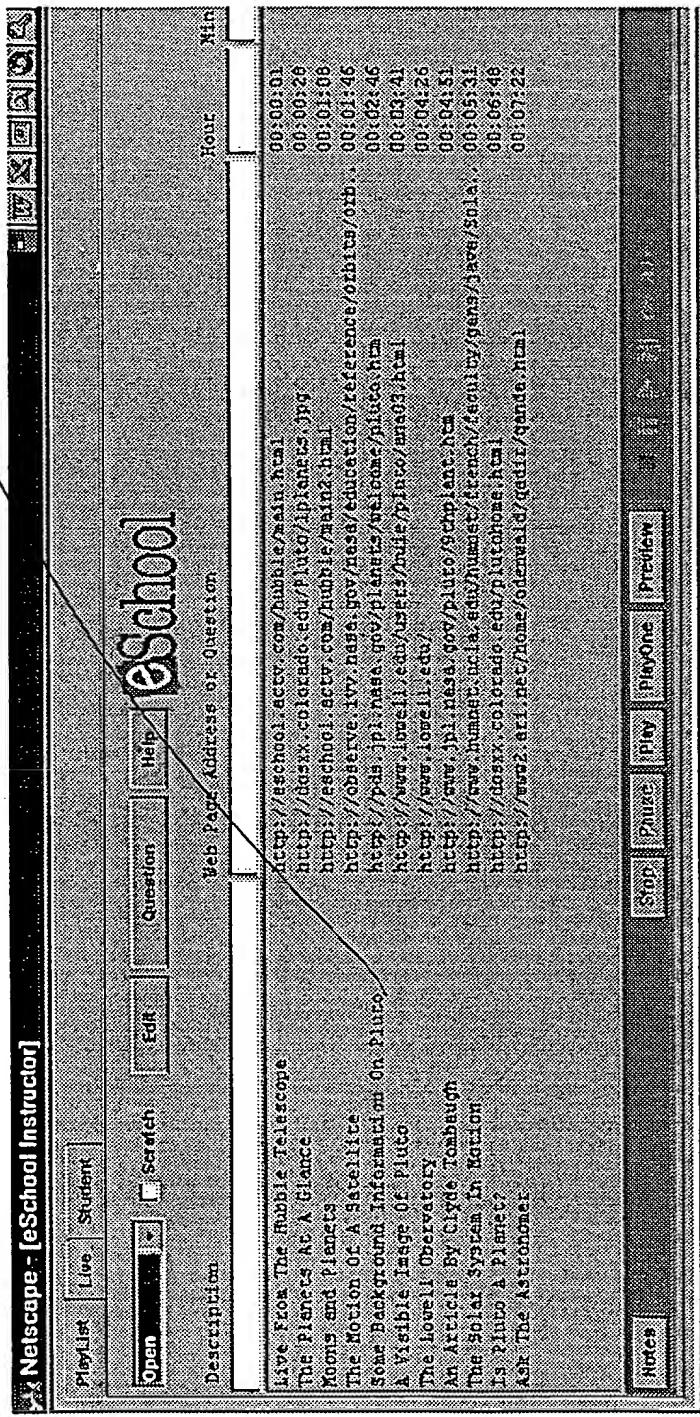
FIG. 6



C:\WINDOWS\TEMP\esteach.jpg (local)

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✓ 1 ) b / 60



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Figure 7

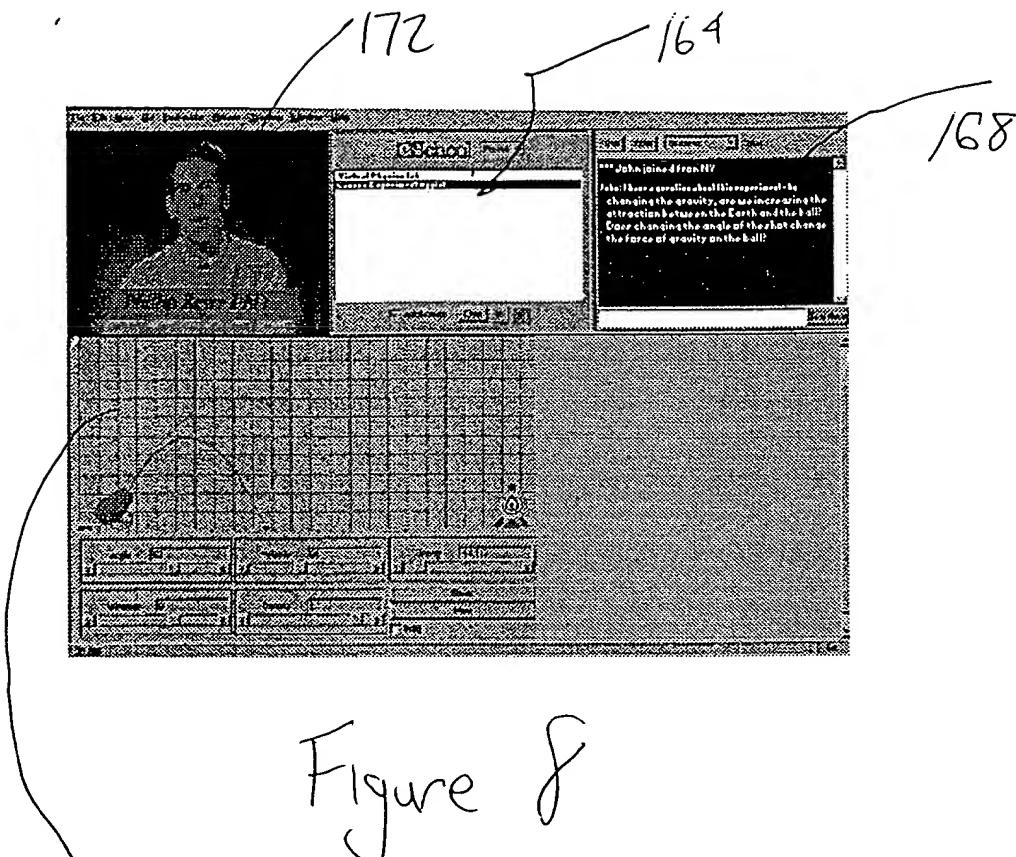


Figure 8

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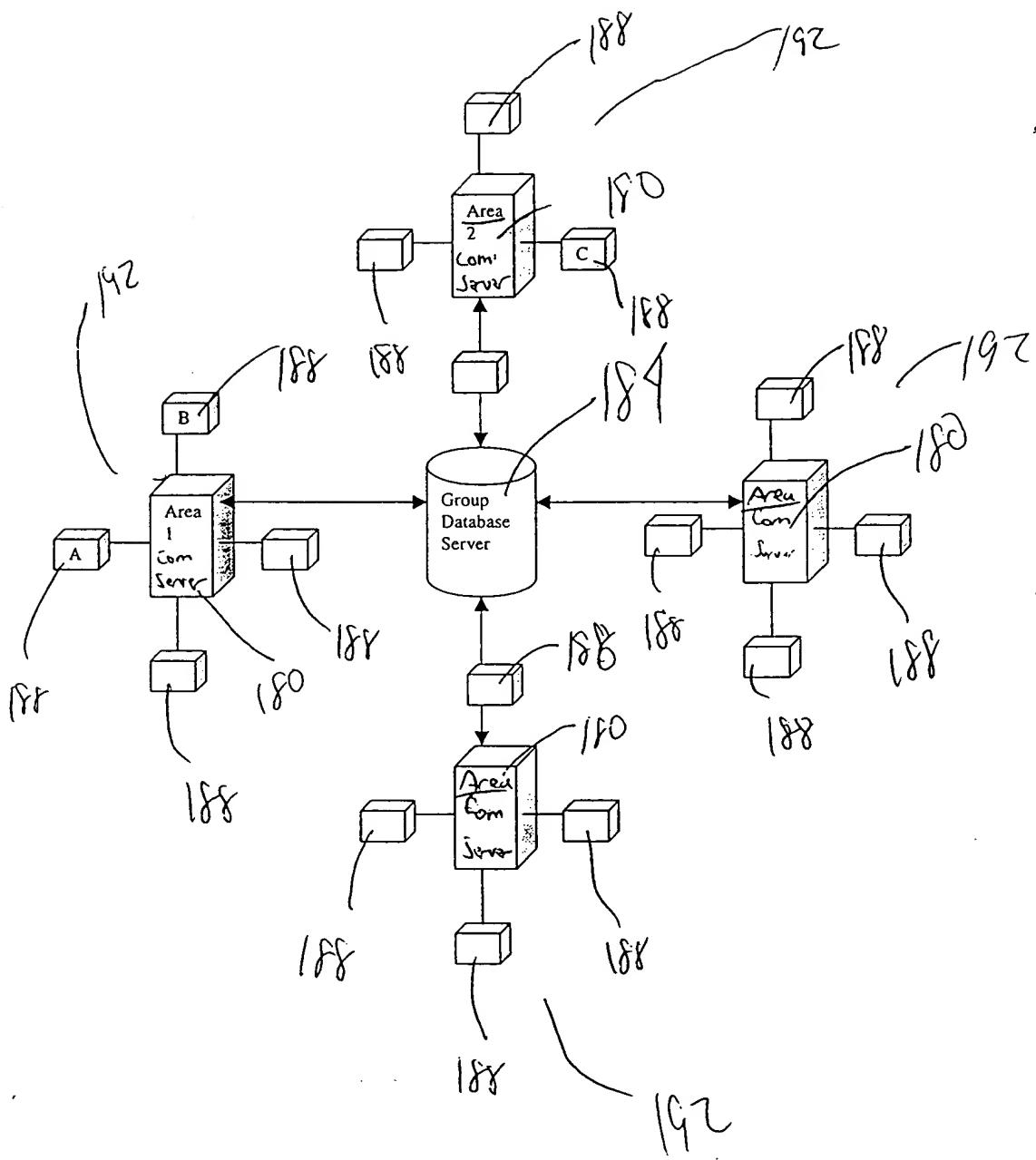


Figure 9

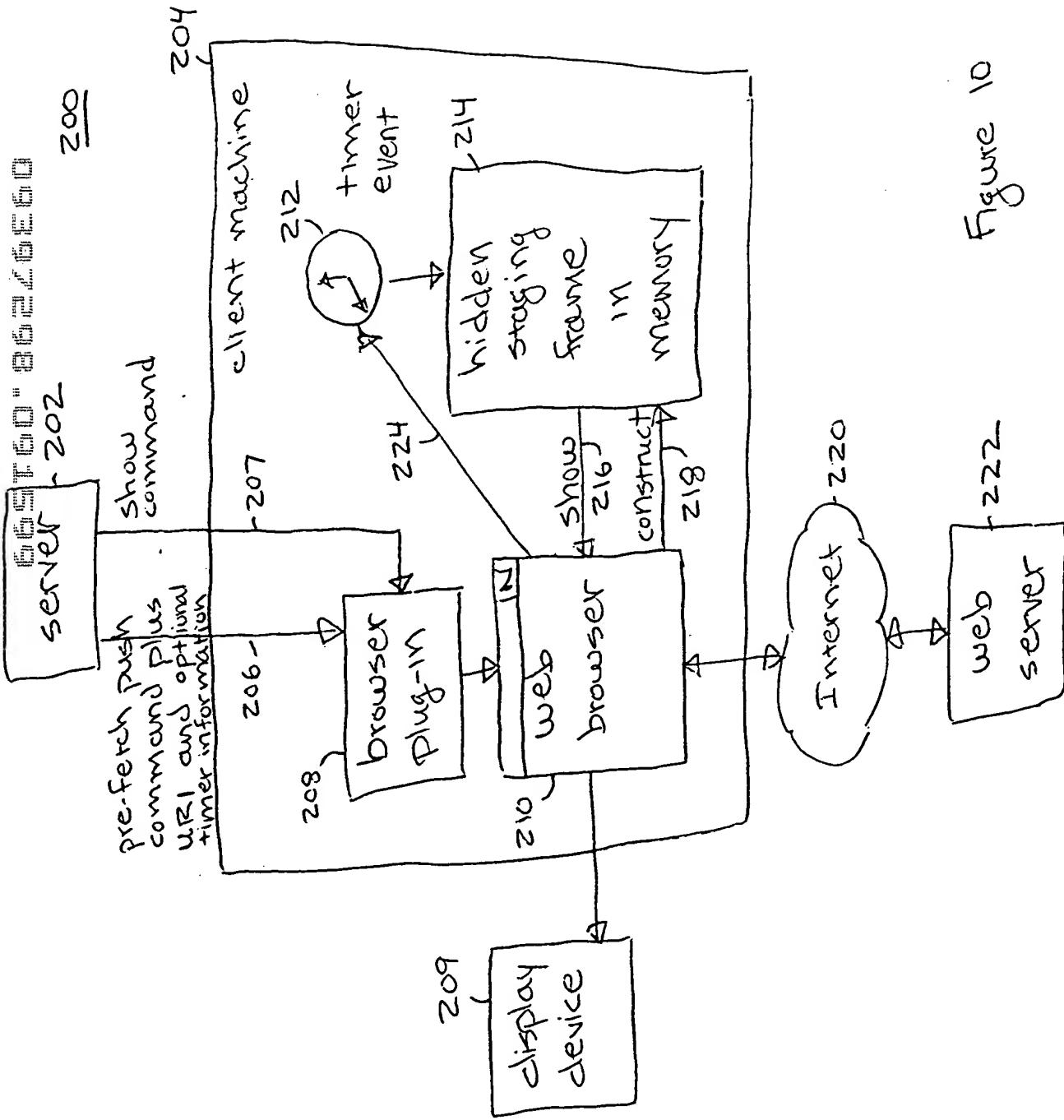


Figure 10

BEGIN

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↓  
SERVER SENDS PRE-FETCH  
PUSH COMMAND WITH A  
URI AND TIMER INFORMATION

-232

↓  
PLUG-IN RECEIVES COMMAND,  
URI, AND OPTIONAL TIMER INFORMATION

-234

↓  
PLUG-IN SETS UP HIDDEN STAGING -236  
FRAME IN MEMORY AND INITIALIZES  
TIMER, IF NECESSARY

↓  
PLUG-IN THROUGH BROWSER USES  
THE URI TO FETCH CONTENT AND -238  
CONSTRUCT WEB PAGE IN THE  
HIDDEN STAGING AREA

↓  
PLUG-IN MONITORS TIMER -240

↓  
NO TIMER -242

EXPIRED?

↓  
YES

↓  
PLUG-IN COMMANDS -244  
BROWSER TO DISPLAY  
CONSTRUCTED WEB PAGE

246

↓  
BROWSER RETRIEVES CONSTRUCTED  
WEB PAGE FROM MEMORY  
AND DISPLAYS IT ON A  
DISPLAY DEVICE

↓

END

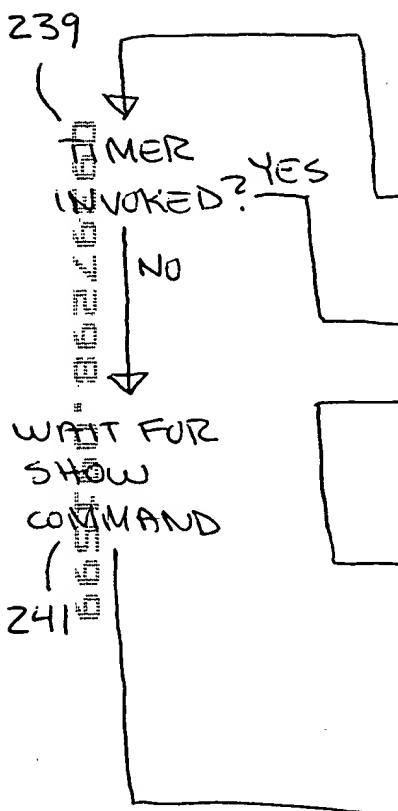


Figure 11